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BADM 270.02: Quantitative Business Applications

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BADM 270: Quantitative Business Applications

Instructor: Ryan Wright
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Email: ryan.wright@business.umt.edu
Web: www.business.umt.edu/faculty/wright
Office Hours: MWF 10:00 – 11:00 or TT 2:00 – 3:00pm
Appointments are encouraged

Prerequisites: CS 172, MATH 241

Required: **Business Administration 270 Custom Text**; Selected Material from Contemporary Business Statistics with Microsoft Excel by Anderson, Sweeney and Williams AND Contemporary Management Science with Spreadsheets by Anderson, Sweeney and Williams

Email address
Access to Excel version, 97, 2000, or 2001

Course Description: The purpose of this course is two fold. First, the student will learn how to apply quantitative methods to business problems. Second, the student will become proficient in creating and using Excel spreadsheets. The quantitative methods include statistics (descriptive, probability distributions, sampling, and regression), decision analysis, simulation, and linear programming.

Grading: This is a Pass/No Pass Class

	Possible Points	Percentages
Lab Tests (4@40):	140	67%
Class Attendance (30@1.5):	45	21%
Web Project (1 @25):	25	12%
Class Presentations:	Extra Credit	
Total	230	

Point Needed to Pass: 140

Important Notes: Any form of cheating on any test WILL result in a failing grade
There are NO make-up tests
Last day to drop is

Suggestions: 1. Read the Chapters before Class
2. Don't take many notes in class (all the materials are in the text).

3. Do ask many questions in class.
4. Read the chapters again after class.
5. Work on the problems before the lab sessions.
6. feel free to work together.
7. Don't copy or memorize.
8. Be prepared to present your solutions in class.
9. If you need help, email me by stop by my office.
10. Know how to download, and save test before the test.
11. Plan to spend a lot of time at the computer.

Class Schedule

Date	Day	Class	Points	Chapter
5-Sep	Wed	Lecture		Introduction
7-Sep	Fri	Lecture	1.5	Chapter 2 from Bus Stats
10-Sep	Mon	Lecture	1.5	
12-Sep	Wed	Lab		
14-Sep	Fri	Lecture	1.5	Web Design
17-Sep	Mon	Present	1.5	
19-Sep	Wed	Lecture	1.5	Chapter 3 from Bus Stats
21-Sep	Fri	Lecture	1.5	
24-Sep	Mon	Lab		
26-Sep	Wed	Present	1.5	
28-Sep	Fri	Review	1.5	
1-Oct	Mon	Test 1	40	Chapter 2, 3
3-Oct	Wed	Lecture	1.5	Web Design
5-Oct	Fri	Lecture	1.5	
8-Oct	Mon	Lab		
10-Oct	Wed	Lab		
12-Oct	Fri	Lecture	25, 1.5	Web Projects Due, Ch 6 from Bus Stats
15-Oct	Mon	Lecture	1.5	
17-Oct	Wed	Lab		
19-Oct	Fri	Present	1.5	
22-Oct	Mon	Lecture	1.5	Ch 9 from Bus Stats
24-Oct	Wed	Lecture	1.5	
26-Oct	Fri	Lab		
29-Oct	Mon	Present	1.5	
31-Oct	Wed	Review	1.5	
2-Nov	Fri	Test 2	40	Ch. 6 & 9
5-Nov	Mon	Review	1.5	
7-Nov	Wed	Lecture	1.5	Ch 2 from Man Science
9-Nov	Fri	Lecture	1.5	
12-Nov	Mon	Lab		
14-Nov	Wed	Present	1.5	
16-Nov	Fri	Lecture	1.5	Ch 3 from Man Science
19-Nov	Mon	Lecture	1.5	
21-Nov	Wed	Lab		
23-Nov	Fri	Present	1.5	
26-Nov	Mon	Review	1.5	
28-Nov	Wed	Test 3	40	Ch 2 & 3
30-Nov	Fri	Review	1.5	

3-Dec	Mon	Lecture	1.5	Ch 8
5-Dec	Wed	Lecture	1.5	
7-Dec	Fri	Lab		
10-Dec	Mon	Present	1.5	
12-Dec	Wed	Review	1.5	
14-Dec	Fri	Test 4	40	Ch 8
20,21-Dec		Review		